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Idlis, G. M. and Obashev, S. O.
THE MAGNETIC FIELD AND ROTATION PERIOD OF VENUS, tr. by S. W. Kuvshinoff. 29 June 62, 6p. 27 refs. APL/JHU TG 230-T304.
Order from CTS $0.50 62-11724

Trans. of A[kademiya] N[auk] K[azakhskoi] SSR [Alma-Ata]. Astrofizicheskii Institut. Izvestiya, 1961, v. 12, p. 91-94.

DESCRIPTORS: *Venus, Rotation, Magnetic fields, Astrophysics, Radio astronomy.

A theoretical analysis shows that the magnetic moment of Venus is $4 \times 10^{24}$ gauss/cm$^3$ if the rotation period is about 14 days.

(Astronomy--Astrophysics, TT, v. 8, no. 6)

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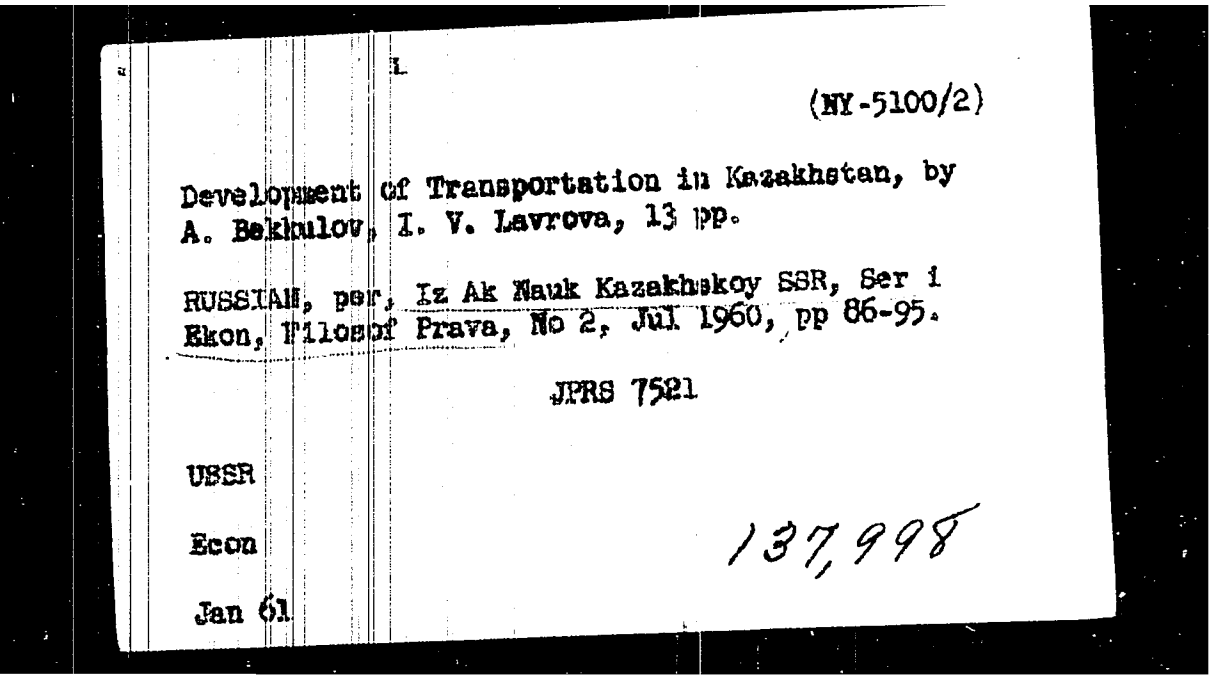

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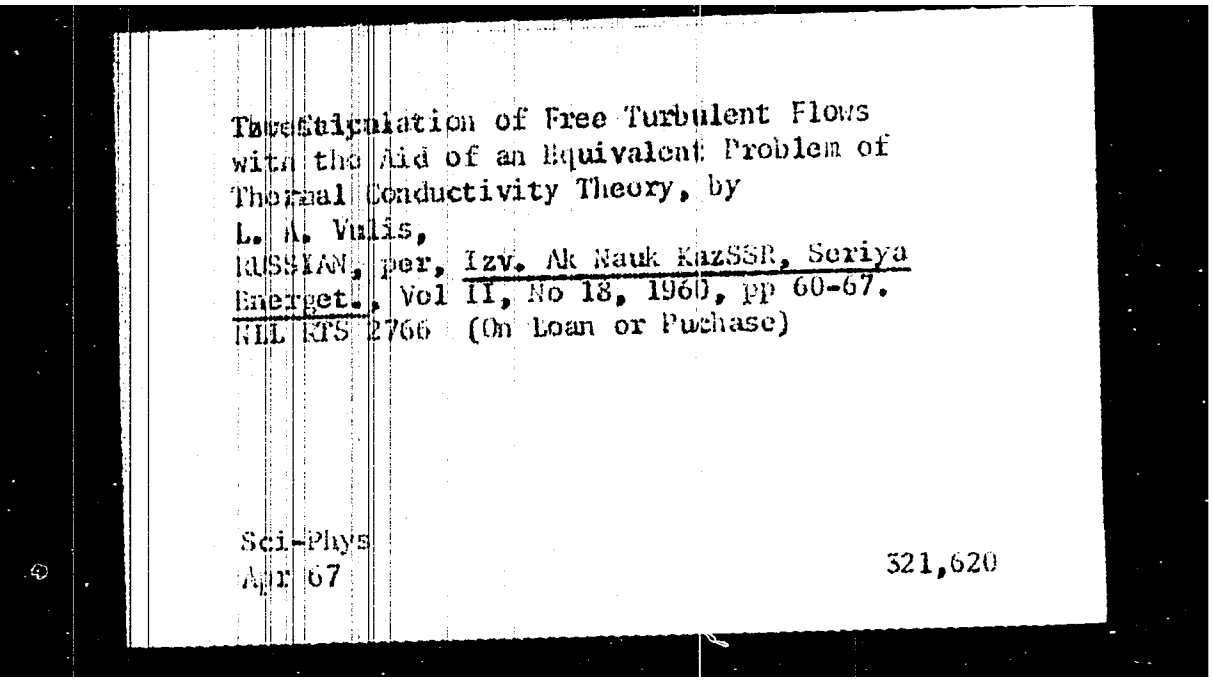

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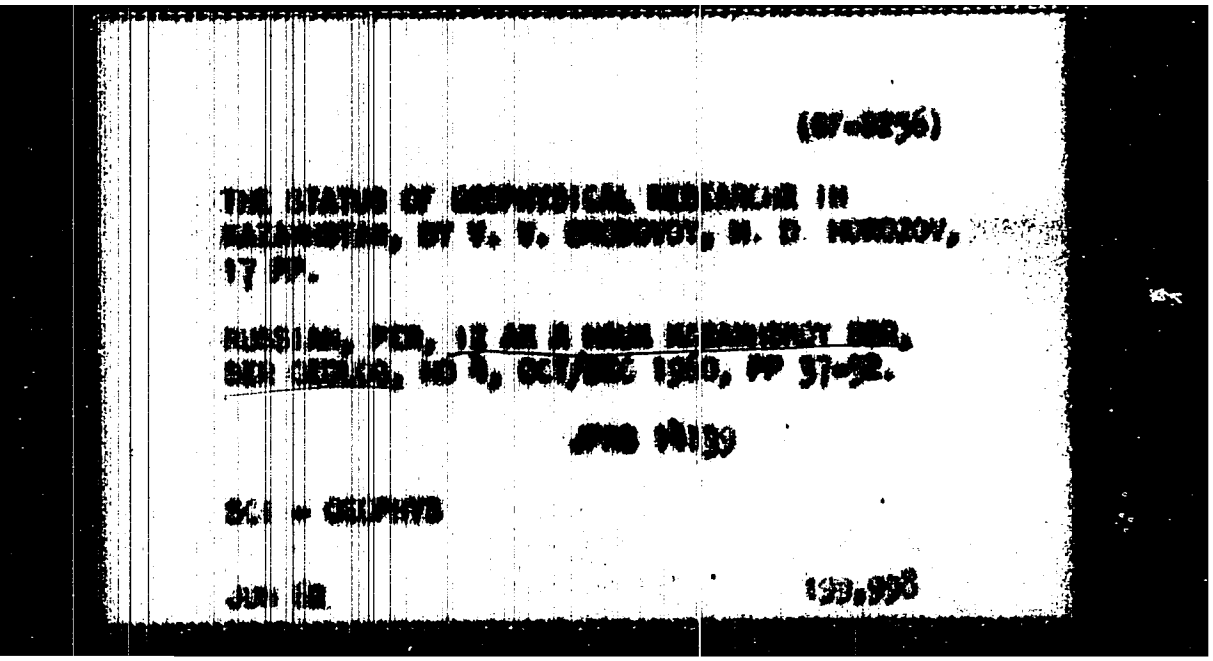

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DEVONIAN FORAMINIFERA OF TATARY. [1963] 27p.
Order from ATS $19.75 ATS-04Q69R

Trans. of Akad[emiya] Nauk SSSR, Kazansk[ii] Filial. Izv[estiya] Ser[iya] Geol[ogicheskikh] Nauk, 1959, no. 7, p. 11-33.

DESCRIPTORS: *Foraminifera, Protozoa, *Paleontology, Geology.

(Earth Sciences--Geology, TT, v. 10, no. 7)

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Kadushkina, L. A. and Bakturov, A. B.
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Trans. of [Akademiya Nauk Kazakhskoi SSR, Alma Ata. Izvestiya. Seriya Khimicheskaya] 1953, no. 5, [p. 107-115].

DESCRIPTORS: *Minerals, *Phosphates, Calcium compounds, Sodium compounds, Separation, Solubility, Solvents, *Citrates, Fertilizers.

For abstract see Chemical Abstracts 50: 16503, 1956

(Chemistry--Inorganic, TT, v. 10, no. 11)

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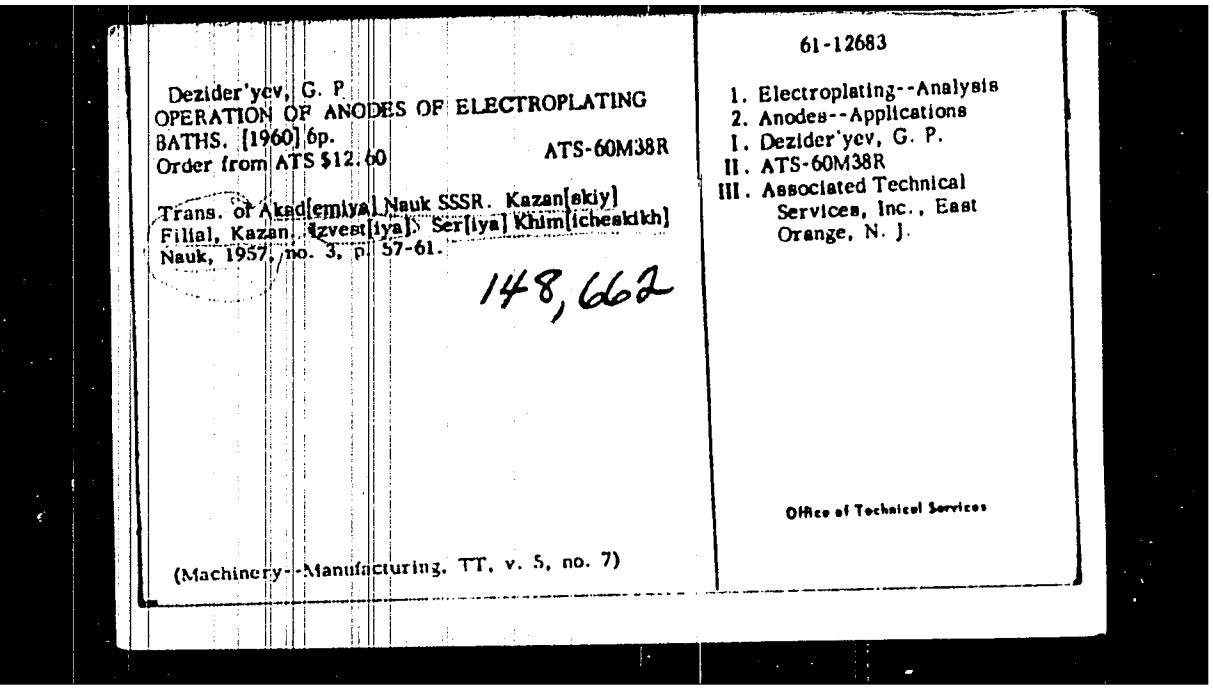

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(Machinery--Manufacturing, TT, v. 5, no. 7)

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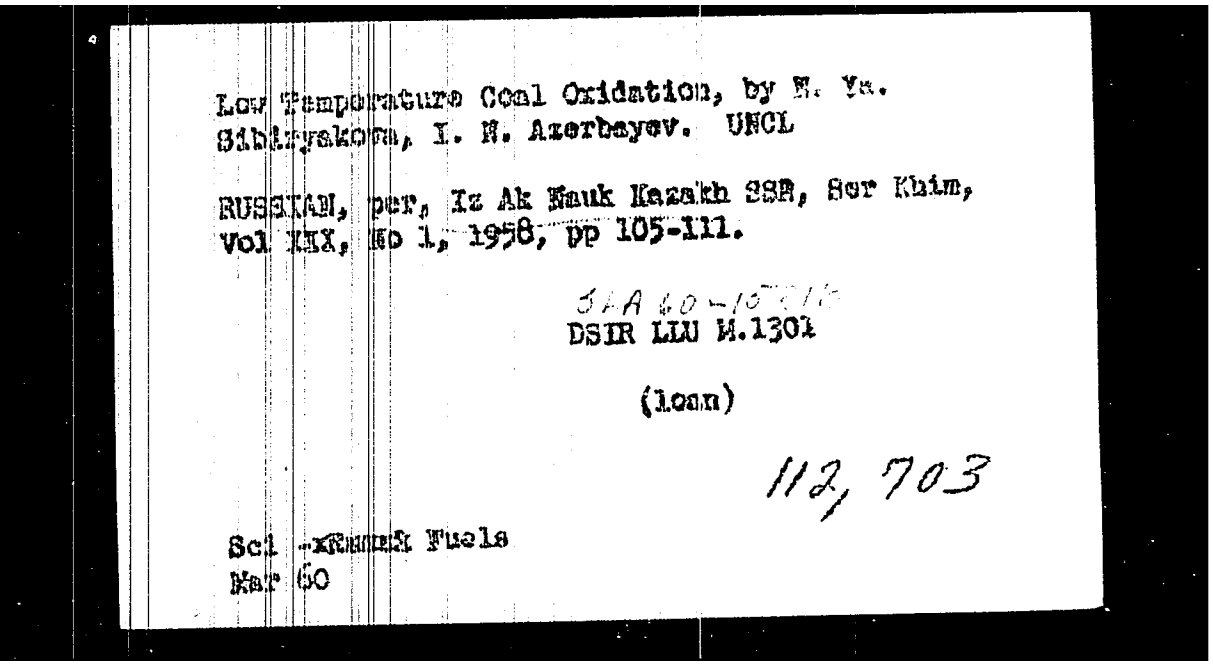

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PHYSICOCHEMICAL AND TECHNOLOGICAL RESEARCH ON PHOSPHORITES AND THE NATURAL SALTS OF KAZAKHSTAN, BY A. B. BEKTUROV, A. I. MUN, V. V. TIKHONOV, 27 PP.

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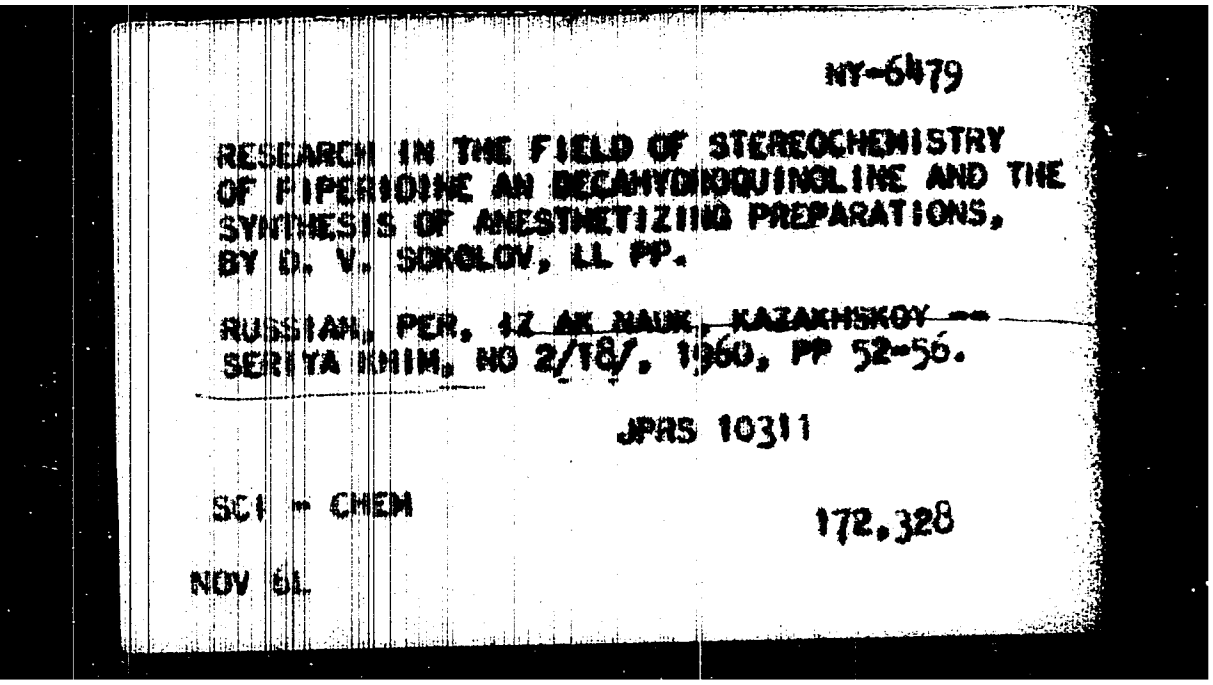

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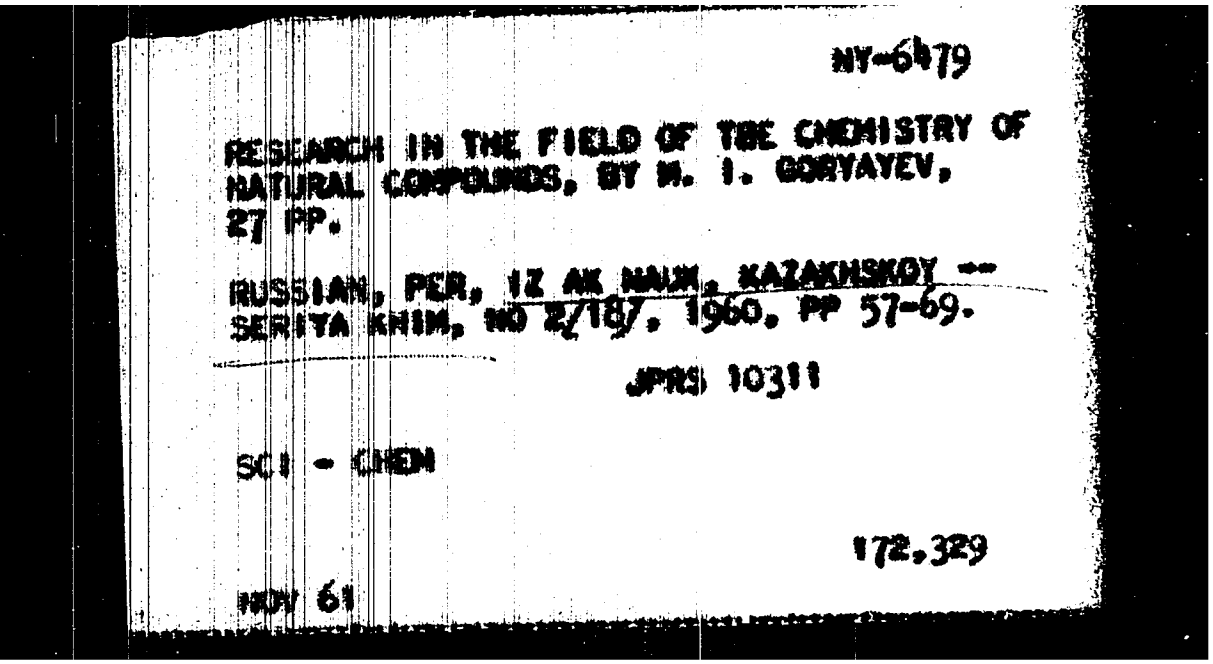

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ISOPOLYVANADATE IONS IN ACID SOLUTION, BY A. B. BEKTUROV, A. K. IL'YASOVA.

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Oxidation of Organic Compounds, by
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

(NY-6613)

Interoceptive Reflexes From the Pericardium and Pleura to the Circulatory System in Ontogenesis, by L. Yel. Pal'gova, 11 pp.

RUSSIAN, Per, Iz Ak Nauk Kazakhskoy SSR, Ser Medit i Fiziolog, No 1 (13), 1960, pp 7-13.

JPRS 9949

167,891

Sci - Med
Sep 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Industrial Hygiene When Mining Lead-Barite and Lead-Zinc Ores, by M. L. Pigulewskaya, 5 pp. RUSSIAN, per, Izvestiya Akademii Nauk Kazakhskoy SSR, Seriya Meditsinskikh Nauk, Vol XI, No 3, 1964, pp 50-53.
JPRS 27983

Sci-Chem
Feb 65

274,305

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Pathomorphology and Histochemistry of Experimental Chromium Intoxication, by V. A. Yaglinskiy, A. M. Shabanov, 11 pp.
~~SRRA~~ RUSSIAN, per, Izvestiya Akademii Nauk Kazakhskoy SSR, Seriya Meditsinskikh Nauk, Vol XI, No 3, 1964, pp 70-79.
JPRS 27983

Sci-Chem
Feb 65

274,306

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Nesterov, V. N. and Ponomarev, V. D.
VAPOR PRESSURE OF ZINC SULFIDE AT 1200-1400°. [1961] [7]p. 7 refs.
Order from OTS or SLA $1.10 61-27804

Trans. of Akademiya Nauk Kazakhskoi SSR [Alma Ata]. Izvestiya. Seriya Metallurgii, Obogashcheniya i Ogneuporov. 1959, no. 1(14) p. 80-84.

DESCRIPTORS: *Vapor pressure, *Zinc compounds, *Sulfides, *High temperature research.

The vapor pressure of zinc sulfide at 1200-1400° was determined. An empirical relation between the vapor pressure of zinc sulfide and temperature is given. The fact that the break in the linear relation between $\log P_{ZnS}$ and $1/T$ at 1020° coincides with the temper-

(Metallurgy. TT, v. 7, no. 9) (over)

61-27804

I. Nesterov, V. N.
II. Ponomarev, V. D.
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Direct Determination of the Dissociation Pressure of Metal Sulfides, by R.A. Isakova V. D. Ponomarev.
RUSSIAN, per, Izvestiya Akademiya Nauk Kazakhskoi SSR, Seriya Metallurgiy, Obogashcheniya i Ogneuporov, no. 1 (4), 1959 PP. 65-70.
*CFSTI TT 70-57083

Sci/phys
Feb 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Acolpenteron Nephriticulum n. sp. New Species of Dactylogyrinae Which Became Adapted to Endoparasitic Way of Life, by E. V. Gvosdev.

RUSSIAN, per, Iz Ak Nauk Kazakhskoi SSSR, Seriya Zool, No 4, 1945, pp 45-48.

*Virginia Inst of Marine Science, Gloucester Point, Virginia

Sci
Sept 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

C0304 As a Combustion Catalyst in the Determination of Carbon and Hydrogen in Organic Compounds, by A. A. Abramyan and M. A. Balyan, 5 p.
RUSSIAN, per, Izvestiya Khimicheskie Nauki, Akademiya Nauk Armyanskoi SSR, Erevan, Vol. XVII, No 5, 1964, pp 591-593.
SLA TT 65-13956

Sci-Chem
Jun 66

303,704

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Odynets, R. N., Fantalis, I. A. and Valuiskii, P. P.
STOFWISSELING VAN CHLOOR BIJ MELKKOEIEN
(Metabolism of chlorine with milch-cows). 6p 6 refs
MTWL-1148.
Order from OTS or ETC $0.80 63-26600

Trans. in Dutch of Akademiya Nauk Kirgizskoi SSR,
[France]. Izvestiya, Seriya Biologicheskikh Nauk,
1960, v. 2, no. 4, p. 15-17.

DESCRIPTORS: *Chlorine, *Metabolism, Mammals,
Milk, *Cattle.

(Agriculture--Animal Husbandry, TT, v. 10, no. 10)

63-26600

I. Odynets, R. A.
II. Fantalis, I. A.
III. Valuiskii, P. P.
IV. MTWL-1148
V. Stichting voor Moeilijk
Toegankelijke Wetenschappelijke Literatuur
(Netherlands)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Study of the Role of Ticks on the Genera Dermacentor and Haemaphysalis in Transmission of Brucellosis, by A. A. Volkova, R. V. Grebenyuk, A. F. Timofeyev, R. S. Galiyev, 23 pp.
RUSSIAN, per, Iz Ak Nauk Kirgizskoi SSR, Frunze, Seriya Biologicheskikh Nauk, Vol 2, No 7, 1960, pp 5-24.
CFSTI TT-66-60976

324,351

Sci - Biol & Med
Aug 67

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Grebenyuk, R. V.

On the Pathogenic Action of Ixodid Tick Bites on Guinea Pigs.
AKADEMIYA NAUK KIRGIZSKOI SSR. IZVESTIYA. SERIYA BIOLOGICHESKIKH NAUK, Vol 6, No 2, pp 39-42, 1964
NTC-72-14553-06C

Jan 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

On the Pathogenic Action of Ixodid Tick Bites on Guinea Pigs, by R. V. Grebenyuk.
RUSSIAN, per. Izv Akad Nauk Kirgiz SSR, Vol 6, No 2, 1964, pp 39-42.
HEW NIH
9-33-69
ON LOAN ONLY

Nov 69 397,173

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Study of Dermacentor Ticks as Vectors of Bacterium Pestis Under Experimental Conditions (Report II), by P. A. Polulyakh, R. V. Grebenyuk. RUSSIAN, per, Izv Ak Nauk Kirgizskoi, SSR Ser Biol Nauk, Vol IV, No 4, 1962, pp 65-69. 9223076 USDA A Tr V-10909

Sci - B&M Sci
Jul 64

263,901

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Biology of the "Chewing Louse", Menacanthus Stramineus (Nitzsch) in Farmyard Fowls, by R. Grebenyuk, S. Kasiev.
RUSSIAN, per, Izvestiva Akademii Nauk Kirgizskoi SSR Seriva Biologicheskikh Nauk, Vol 6, No 2, 1964, pp 59-69.
CSIRO/No. 7514

Sci -
Jul 67 333,93

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

S-1102/63

X-Ray Diffraction Analysis of the First Order Residual Stresses Which Appear During Fine Machining of Metals, Aby A. V. Poltavskiy, Yu. S. Terminasov. (NY-7938)

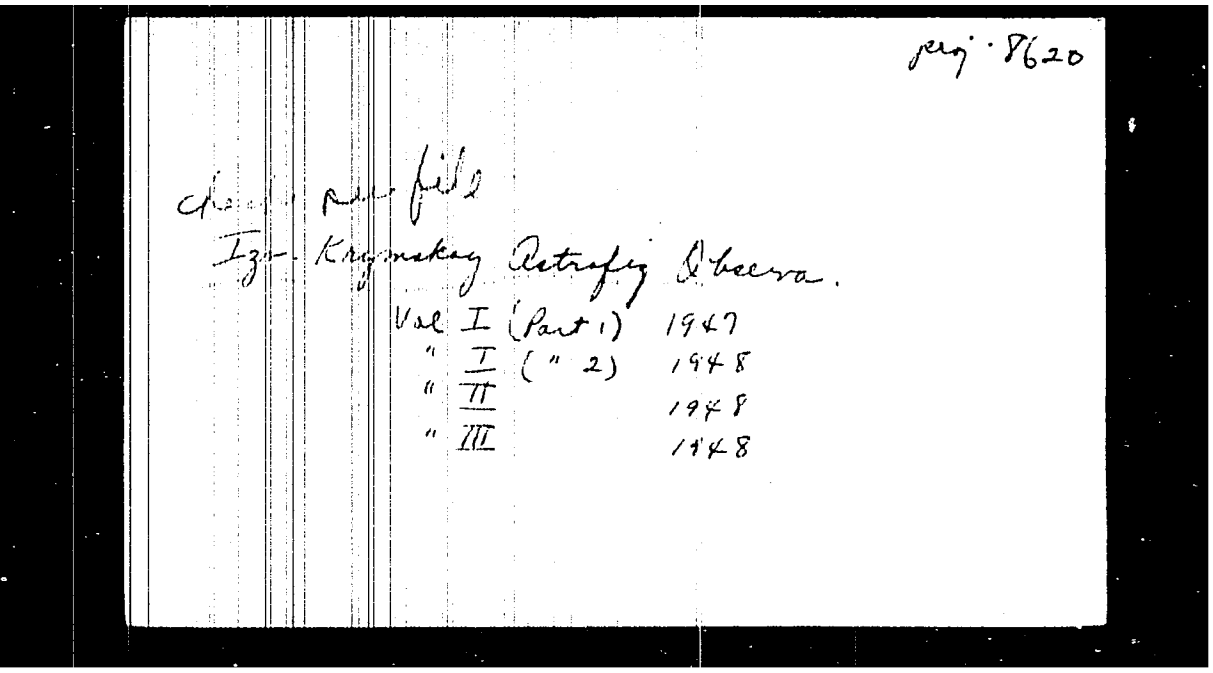
RUSSIAN, per, Iz Ak Nauk Kirgizskoy SSR, Seriya Yestestvennykh i Tekh Nauk, Vol I, No 3, 1959, pp 45-50.

*JPRS

Sci - M/M
Nov 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3



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Izv. Kryptokey Retrofit Ltr.
Vol I (Part 1) 1947
" I (" 2) 1948
" II 1948
" III 1948

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Severnyi, A. B.
INVESTIGATION OF THE PHYSICAL CONDITIONS IN SOLAR PROTUBERANCES BY THE EMISSION LINES WITH SELF-ABSORPTION (Issledovanie Fizicheskikh Uslovii v Solnechnykh Protuberantsekh po Emissionnym Liniyam s Samopogloshcheniem) tr. by David Kraus. Mar 56 [24]p. 20 refs.
AmMetSoc-T-R-84.
Order from OTS or SLA $2.60 63-23113

Rough draft trans. of [Akademiya Nauk SSSR]. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya. 1954, v. 12, p. 33-45.

DESCRIPTORS: *Solar flares, *Solar spectrum, Hydrogen, Helium, Line spectrum, Ionization, Calcium, Electron density, Temperature, *Spectrographic data, Astrophysics, Absorption.

(Astronomy--Astrophysics, TT, v. 10, no. 5) (over)

63-23113

I. Severnyi, A. B.
II. AmMetSoc-T-R-84
III. American Meteorological Society, Boston, Mass.
IV. Contract AF 19(604)1364

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Spectrophotometric Investigation of the Mechanism of the Excitation of Filamentary Nebulas, by S. B. Pikel'ner,
RUSSIAN, per, Izv Krimsk Astrofiz Observ,
Vol XII, 1954, pp 93-117.
NASA TT F-8790

Sci-Phys
Jul 66

306,543

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

XX
Concerning N. A. Kozyrev's Article 'Explanation of the Color of Mars by the Spectral Properties of its Atmosphere, G. A. Tikhov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Krymsk Astrofiz, Observ, No 16, 1956, pp 159-161. 9223021

WL QB173.75 1964 online

Amer Meteorol Soc
T-R-423

Sci-
Jul 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Some Properties of the Martian Atmosphere Indicated by Spectrophotometric Observations of 1956, by N. A. Kozyrev.
RUSSIAN, per, Izvestiya Akad Nauk SSSR Krym. Astrofiz. Observ, 1958, No 18, pp 61-65.
NLL 7773.75 1964 (T-R-429) (On Loan)

Aug 65 287,012

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Bumba, V.
THE RELATIONSHIP BETWEEN CHROMOSPHERIC FLARES AND MAGNETIC FIELDS OF SUNSPOT GROUPS (Svyaz' Khromosfernykh Vspyshek s Magnitymi Polyami Grupp Solnechnykh Pyaten) tr. by Lorna L. Coppinger. Jan 59 [14]p. 19 refs. AmMetSoc-T-R-172+ Order from CTS or SLA $1.60 62-32232

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1958, v. 19, p. 105-114.

DESCRIPTORS: *Solar atmosphere, Solar disturbances, *Solar flares, *Magnetic fields, Polarization, *Sunspots, Astronomical data.

From a comparison of the positions of 69 flares and the brightening of floccull in 10 spot groups with the distribution of the magnetic polarity of the groups, it follows (Astronomy--Astrophysics, TT, v. 9, no. 2) (over)

62-32232

I. Bumba, V.
II. AmMetSoc-T-R-172
III. American Meteorological Society, Boston, Mass.
IV. Contract AF 19(604)1936

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Mustel', E. R.
METHODS OF STUDYING THE SECULAR LOSS OF MASS BY STARS OF EARLY SPECTRAL CLASSES. Pt. 2 of The Problem of the Loss of Matter from Stationary Stars. [1962] [13]p. 15 refs.
Order from OTS or SLA $1.60 62-33376

Trans. of [Akademiya Nauk SSSR]. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya (USSR) 1958, v. 19, p. 153-164.

DESCRIPTORS: Astrophysics, *Stars, *Interstellar matter, Nebulae.

(Astronomy--Astrophysics, TT, v. 9, no. 9)

62-33376

1. Title: Corpuscular radiation
I. Mustel', E. R.
II. Title: Problem ...
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Mustel', E. R.
AN EXAMINATION OF THE ENVELOPE CREATED BY CORPUSCULAR EMISSION FROM THE STAR. Pt. 3 of the Problem of the Loss of Matter from Stationary Stars. [1962] [17]p. 7 refs.
Order from OTS or SLA $1.60 62-33412

Trans. of [Akademiya Nauk SSSR]. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya (USSR) 1959, v. 21, p. 24-39.

DESCRIPTORS: Astrophysics, *Stars, *Interstellar matter, Nebulae.

(Astronomy--Astrophysics, TT, v. 9, no. 9)

62-33412

1. Title: Corpuscular radiation
I. Mustel', E. R.
II. Title: Problem...
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Investigation of Spectra of Large Chromospheric Flares,
by A. Severnyi.
RUSSIAN, per Izv. krym. astrofiz. Obs. Vol. 21, 1959,
pp 146-151
CSIRO/No.8189

Sci -
Aug 67 339-445

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Severnyi, A. B.
INVESTIGATION OF MAGNETIC FIELDS CONNECTED WITH SOLAR FLARES (Issledovanie Magnitnykh Polei, Svyazannykh so Vspyshkami na Solntse) tr. by M. Slade. [1961] [60]p. (foreign text included) 10 refs. (CSIRO) Trans. no. 5157.
Order from OTS or SLA $5.60 61-28637

Trans. of Akademiya Nauk SSSR, Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1960, v. 22, p. 12-41.

DESCRIPTORS: *Solar flares, *Magnetic fields, Intensity, Measurement, Recording devices.

With the improved solar magnetograph described by N. S. Nikulin (this journal 19: 3-19, 1958, available in translation from LC or SLA as 61-19379; and 22: 3-8, 1960, available in translation from OTS or SLA as (Astronomy--Astrophysics, TT, v. 6, no. 12) (over)

61-28637

I. Severnyi, A. B.
II. CSIRO Trans-5157
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Non-Steady Continuous Emission of Bursts, by
A. Shvonmyl.

RUSSIAN, par, Is Krymskoy Astrofiz Obser, Vol XXII,
1960, pp 67-74.

CSIRO 5156

191,685

Sol - Phys

Apr 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Experimental Determination of Oscillator Strengths of the Lines of Lead by the Absorption Method, by M. Z. Kholkhlov

RUSSIAN, per', Iz Ak Nauk, Krymskaya Astrofiz Observ, Vol XXII, 1960, pp 113-127.

*PL-460

Sci-
Nov 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

The Profile of the Sodium $D_1$ Line and the Gradient of the Magnetic Field of Sunspots, by B. A. Baranovskiy and E. V. Stepanov, RUSSIAN, per, Izvestiya Krymskoi Astrofizicheskoi Observatoriy, Vol XXI, 1959, pp 180-185.
NLL RTS 2799 (ON LOAN OR PURCHASE)

Sci-Astron
Mar 67

321,438

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Results of the Study of the Evershed Effect in Single Sunspots, by V. Bumba,

RUSSIAN, per, Iz Krymskoi Astrofiz Observatorii, Vol XXIII, 1960, pp 253-276.

NLL RTS 1774

Sci - Astron

Jan 62

180,060

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Bumba, V.
THE CONNECTION BETWEEN THE MAGNETIC FIELD AND MOTION IN SINGLE SUNSPOTS (Svyaz' Mezhdu Magnitnym Polem i Dvizheniyem v Odinochnykh Solnechnykh Pyatnakh). Apr 61 [17]p. 4 refs. RTS 1775. Order from OTS or SLA $1.60 61-19674

Trans. of A[kademiya] N[auk] SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1960, v. 23, p. 277-290.

DESCRIPTORS: *Sunspots, *Magnetic fields, Motion

Results of previous observations on the strength and configuration of the magnetic field in single spots and the variations of the magnetic field with altitude above these spots (Akad. Nauk SSSR. Krymskaya Astrofiz. Observatoriya Izvestiya 23: 212-252, 1960; available in translation from OTS or SLA for $5.60 as 61-23144) and on the Evershed effect in individual spots (ibid. 253-276; available in translation from OTS or SLA for $3.60 as (Astronomy--Astrophysics, TT, v. 6, no. 3) (over)

61-19674

I. Bumba, V.
II. RTS-1775
III. Department of Scientific and Industrial Research (Gt. Brit.)

17529

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Stepanov, V. E.
DEPENDENCE OF THE SOLAR MAGNETOGRAPH READINGS ON THE STRENGTH AND DIRECTION OF THE FIELD (Zavisimost' Pokazanii Solnechnogo Magnitografa ot Velichiny Napryazhennosti i Napravleniya Polya) tr. by M. Slade. [1962] [15]p. (foreign text included) 8 refs. [CSIRO] Trans. 5720. Order from OTS or SLA $1.60 62-24627

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1960, v. 23, p. 291-298.

DESCRIPTORS: *Sun, *Magnetic fields, Measurement, Intensity, Distribution, Magnetometers.

The interval of the variation of strength (H) for which the readings of the solar magnetograph are proportional to H cos γ was determined on the basis of the theory of formation of absorption lines in a magnetic (Astronomy - Astrophysics, TT, v. 8, no. 4) (over)

62-24627

I. Stepanov, V. E.
II. CSIRO Trans-5720
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

THE REGISTRATION OF THE INTENSITY OF ATMOSPHERICS ON 27 kc WITH A DIRECTIONAL ANTENNA SYSTEM, BY N. N. YERYUSHER, A. I. SMIRNOR, 12 PP.

RUSSINN, PER, IZ KRYMSKOY ASTROFIZ OBSERV, VOL XXIV, 1960, PP 32-40. 9678377

FTD-TT-62-587

SCI - ELECTRON
11 OCT 62 212,336

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Ionized Helium Emission in Chromospheric Flares, by
N. V. Steshenko.
RUSSIAN, per, Izvestiya Akademiya Nauk SSSR. Krymskaya
Astrofizicheskaya Observatoriya, Vol 24, 1960,
pp 258-276.
*AFCRL

Sept 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Severnyi, A. B.
SOME FEATURES OF PLASMA MOTION IN SOLAR MAGNETIC FIELDS (Nekotore Osobennosti Dvizheniya Plazmy v Solnechnykh Magnitnykh Polyakh) tr. by M. Slade. [1961] [25]p. (foreign text included) 8 refs. [CSIRO] Trans. no. 5457.
Order from OTS or SLA $2.60 62-13609

Trans. of [Akademiya Nauk SSSR]. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1960, v. 24, p. 281-292.

DESCRIPTORS: *Sunspots, Sun, *Magnetic fields, *Plasma physics, Motion, Solar atmosphere, Atmosphere, Measurement.

The magnetic field (of the order of 60 Gs) and simultaneously the radial velocities and central intensities in the center of the Hα line were recorded in the (Astronomy--Astrophysics, TT, v. 7, no. 10) (over)

62-13609

I. Severnyi, A. B.
II. CSIRO Trans-5457
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Steshenko, N. V. and Khokhlova, V. L.
HELIUM EMISSION OF THE CHROMOSPHERIC FLARE OF 14 SEP 58 (Gelievaya Emissiya Khromosfernoi Vspyshki 14 Sentyabrya 1958 G.) tr. by M. Slade. [1962] [19]p. (foreign text included) 7 refs. [CSIRO] Trans. 5719.
Order from OTS or SLA $1.60 62-24626

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1960, v. [illegible], p. 322-330.

DESCRIPTORS: *Solar flares, *Spectrographic data, *Helium, Spectrophotometers, Radio signals, Radio astronomy, Astronomy.

The emission lines λλ 3965, 5016, 6678, 5876 and 4713 were studied in a flare on the disk. With the exception of λ 5876, the above He I lines have no self-absorption. The intensities of optically thin lines were used for (Astronomy--Astrophysics, TT, v. 8, no. 4) (over)

62-24626

I. Steshenko, N. V.
II. Khokhlova, V. L.
III. CSIRO Trans-5719
IV. Commonwealth Scientific and Industrial Research Organization Australia)

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170042-3

Gershberg, R. E.
THE EXPANSION OF H II REGIONS AND THE FORMATION OF PERIPHERAL STRUCTURES IN DIFFUSE NEBULAE (Rasshirenie Oblastei H II i Obrazovanie Periferiinykh Struktur v Diffuznykh Tumannostyakh). [1964] [20p] 21refs
Order from OTS, SLA, or ETC $1.60 TT-64-14752

Trans. of [Akademiya Nauk SSSR]. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, 1961, v. 25, p. 76-87.

[Astronomy, TT, v. 11, no. 11]

TT-64-14752

I. Gershberg, R. E.

Office of Technical Services

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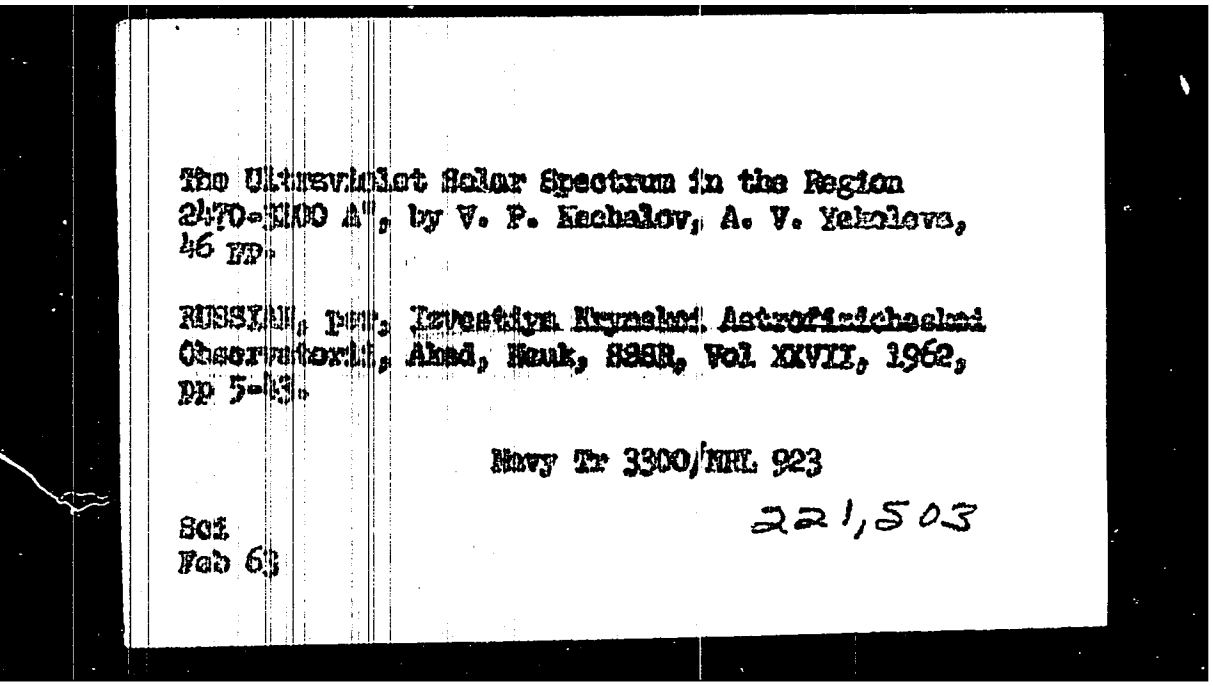

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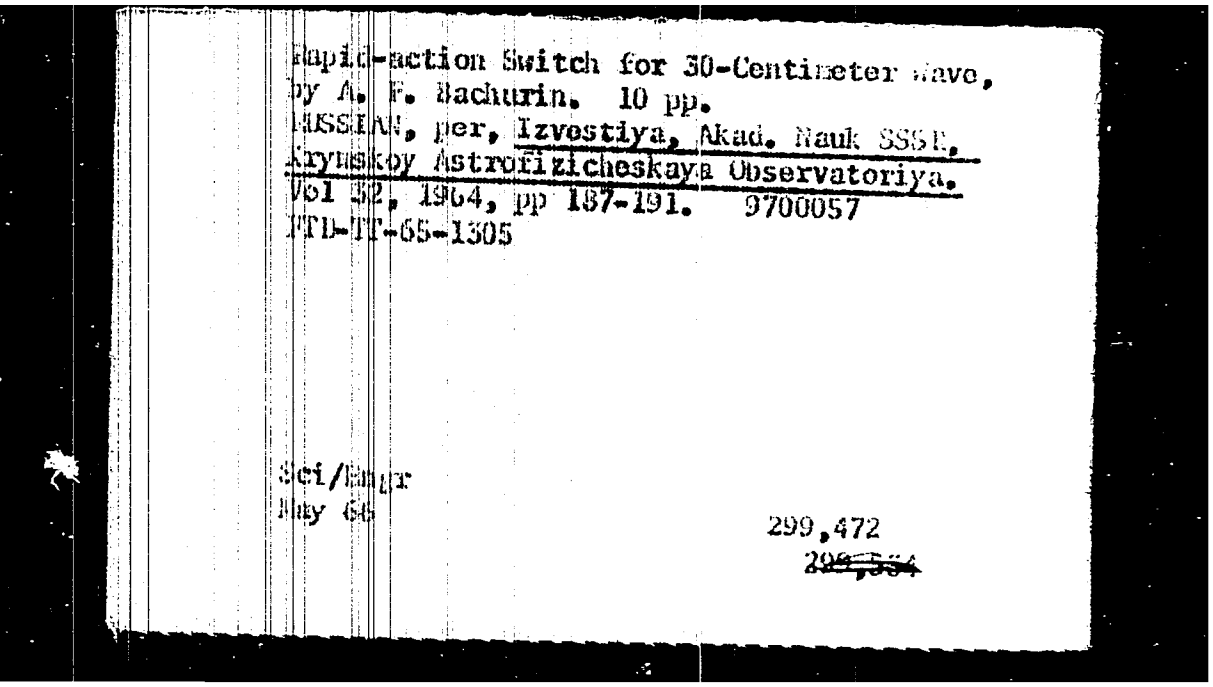

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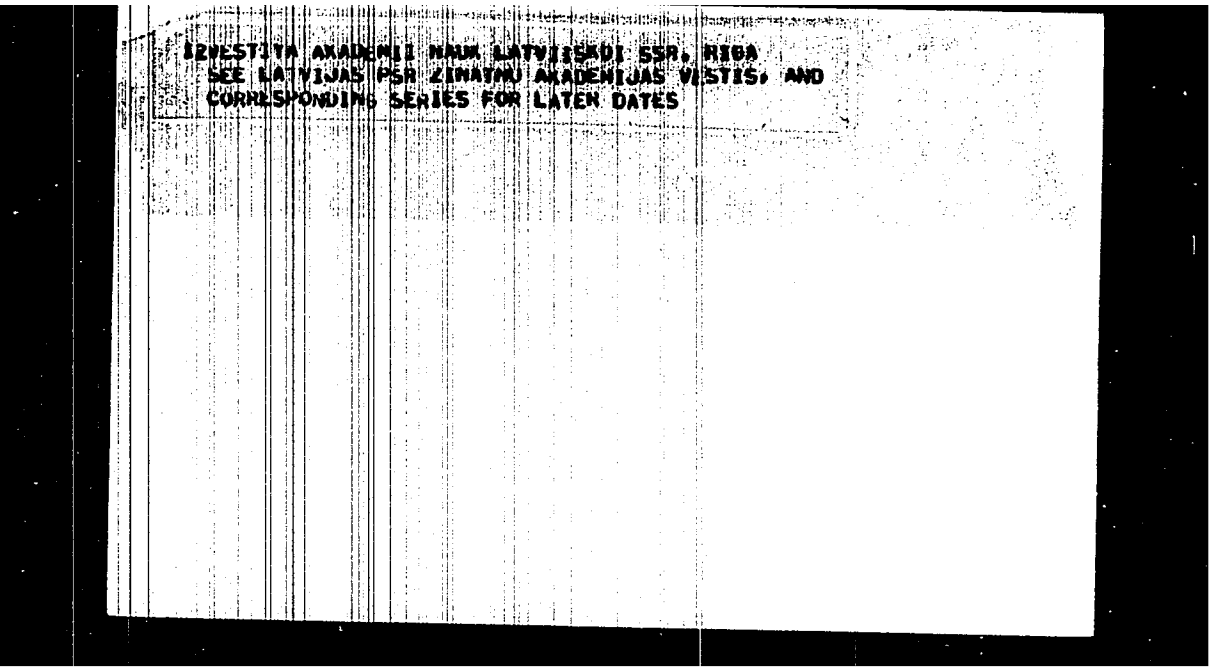
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